

**COUNTY OF SAN LUIS OBISPO BOARD OF SUPERVISORS  
AGENDA ITEM TRANSMITTAL**

(1) DEPARTMENT Public Works	(2) MEETING DATE 7/19/2016	(3) CONTACT/PHONE Jeff Werst, Design Division Manager (805) 781-4480	
(4) SUBJECT 1) Submittal of bid opening report for Airport Automated Weather Observation Station and Beacon Equipment (AWOS/Beacon) for Oceano Airport, to award the subject contract to Lee Wilson Electric Company, Inc., the lowest responsive, responsible bidder, in the amount of \$353,620; 2) create project 330025 – Airports – Oceano – AWOS/Beacon; 3) authorize Director of Airports to accept and sign Federal Aviation Administration Grant Award; and 4) authorize a budget adjustment, in the amount of \$408,899. District 4.			
(5) RECOMMENDED ACTION In accordance with applicable State Law, it is recommended that the Board: <ol style="list-style-type: none"> <li>1. Award the subject contract (No. 425RAWOSBEAC) to Lee Wilson Electric Company, Inc., the lowest responsive, responsible bidder, at \$353,620.00; and</li> <li>2. Authorize the Director of Public Works or his designee to approve change orders for a contingency amount up to \$17,681.00 for a final total construction amount of \$371,301; and</li> <li>3. Create the project 330025-Airports-Oceano-AWOS/Beacon; and</li> <li>4. Authorize the Director of Airports to accept and sign the Federal Aviation Administration Grant award; and</li> <li>5. Authorize a budget adjustment in the amount of \$408,899, to Airport Enterprise Fund by 4/5 vote.</li> </ol>			
(6) FUNDING SOURCE(S) Federal Aviation Administration Airport Improvement Program Grant, Airport Enterprise Fund-Capital	(7) CURRENT YEAR FINANCIAL IMPACT Estimated project costs \$503,921.00	(8) ANNUAL FINANCIAL IMPACT \$0.00	(9) BUDGETED? Yes
(10) AGENDA PLACEMENT <input checked="" type="checkbox"/> Consent <input type="checkbox"/> Presentation <input type="checkbox"/> Hearing (Time Est. ____ ) <input type="checkbox"/> Board Business (Time Est. ____ )			
(11) EXECUTED DOCUMENTS <input type="checkbox"/> Resolutions <input type="checkbox"/> Contracts <input type="checkbox"/> Ordinances <input checked="" type="checkbox"/> N/A			
(12) OUTLINE AGREEMENT REQUISITION NUMBER (OAR)  19001679		(13) BUDGET ADJUSTMENT REQUIRED? BAR ID Number: 1617006 <input checked="" type="checkbox"/> 4/5 Vote Required <input type="checkbox"/> N/A	
(14) LOCATION MAP Attached	(15) BUSINESS IMPACT STATEMENT? No	(16) AGENDA ITEM HISTORY <input type="checkbox"/> N/A    Date: 6/7/16, #1	
(17) ADMINISTRATIVE OFFICE REVIEW David E. Grim			
(18) SUPERVISOR DISTRICT(S) District 4			

Reference: 16JUL19-C-8

# County of San Luis Obispo



TO: Board of Supervisors

FROM: Public Works  
Jeff Werst, Design Division Manager  
Craig Piper, Assistant Director of Airports

VIA: Dave Flynn, Deputy Director of Public Works  
Kevin Bumen, Director of Airports

DATE: 7/19/2016

SUBJECT: 1) Submittal of bid opening report for Airport Automated Weather Observation Station and Beacon Equipment (AWOS/Beacon) for Oceano Airport, to award the subject contract to Lee Wilson Electric Company, Inc., the lowest responsive, responsible bidder, in the amount of \$353,620; 2) create project 330025 – Airports – Oceano – AWOS/Beacon; 3) authorize Director of Airports to accept and sign Federal Aviation Administration Grant Award; and 4) authorize a budget adjustment, in the amount of \$408,899. District 4.

## **RECOMMENDATION**

In accordance with applicable State Law, it is recommended that the Board:

1. Award the subject contract (No. 425RAWOSBEAC) to Lee Wilson Electric Company, Inc., the lowest responsive, responsible bidder, at \$353,620.00; and
2. Authorize the Director of Public Works or his designee to approve change orders for a contingency amount up to \$17,681.00 for a final total construction amount of \$371,301; and
3. Create the project 330025-Airports-Oceano-AWOS/Beacon; and
4. Authorize the Director of Airports to accept and sign the Federal Aviation Administration Grant award; and
5. Authorize a budget adjustment in the amount of \$408,899, to Airport Enterprise Fund by 4/5 vote.

## **DISCUSSION**

In accordance with direction from your Board, bids for the subject contract were opened on Thursday, June 30, 2016.

Two bids were received. They are as follows:

<u>Bidder</u>	<u>Base Bid</u>	<u>Additive 1</u>	<u>Total Bid</u>
Lee Wilson Electric Company, Inc.	\$264,470.00	\$89,150.00	\$353,620.00
Cushman Contract Corporation	\$299,410.00	\$58,220.00	\$357,630.00
<b>Engineer's Estimate</b>	<b>\$337,850.00</b>	<b>\$80,700.00</b>	<b>\$418,550.00</b>

The low bid came in 15% below the Engineer's Estimate. We have reviewed the submittal from Lee Wilson Electric Company, Inc. and verified that they are the lowest responsive, responsible bidder. Based on bids received and project funds, it is staff's recommendation that the additive bid be awarded also, for a total contract amount of \$353,620.00.

#### Project Background Information

The Oceano Airport AWOS/Beacon Installation Project is a safety project which consists of installing an automated weather observation system (AWOS) and a replacement rotating beacon and associated equipment.

The installation of an AWOS has been requested by users of Oceano Airport in order to improve their ability to safely fly in and out of the airport.

An AWOS is an automated system designed to measure and broadcast weather data to pilots. The AWOS provides data such as altimeter, visibility, wind speed, wind direction, temperature, dew point and density altitude. This data can be transmitted through a computer generated voice via radio frequency to pilots in the vicinity of the airport but can also be available over a telephone line.

This bid includes an additive which provides for the installation of an AWOS III rather than an AWOS I. In addition to the instruments and systems contained in the AWOS I, the AWOS III also includes visibility, variable visibility, sky conditions, cloud ceiling height and precipitation accumulation. The additional equipment contained in the AWOS III is not grant eligible for the Oceano Airport and would be funded from the Airport Enterprise Fund budget. Airport Management is seeking to include this option in order to provide a greater level of safety and information for pilots using the airport.

Along with the installation of a new AWOS, the existing rotating beacon and support tower needs to be replaced. Rotating beacons are required in order for pilots to locate airports during hours of darkness. The existing beacon has been in place since 1998. Due to the proximity of the airport to the ocean, there is a significant amount of corrosion both in the support tower as well as the beacon motor housing and connections necessitating the replacement of the entire structure.

In 2015, County Airports applied for a Federal Aviation Administration (FAA) Airport Improvement Program (AIP) grant to fund a portion of the project. The FAA awards construction grants based on bids. The bids, along with updated grant application and other documents have been submitted to the FAA and a grant award is expected to arrive at any time.

## **OTHER AGENCY INVOLVEMENT/IMPACT**

The Federal Aviation Administration provides grant funding and project oversight. In addition, the FAA has determined the project to be categorically excluded from the National Environmental Policy Act. The County Environmental Coordinator has determined the project is exempt from the requirements of CEQA.

## **FINANCIAL CONSIDERATIONS**

This project is budgeted in the Airport Enterprise Fund at \$95,022. The total project costs, including contingency, are estimated at \$503,921. The project will be funded, from Federal Aviation Administration – Airport Improvement Program grant in the amount of \$359,219 and Airport Enterprise Fund – Capital in the amount of \$144,702.

It is necessary for the Board to authorize a budget adjustment, in the amount of \$408,899, by a 4/5<sup>th</sup> vote to increase the appropriation and associated funding for the project.

Please see Exhibit “A” for an estimated cost breakdown of the project.

## **RESULTS**

Approval of the recommended action will result in construction of the project, with the installation of the AWOS and replacement of the rotating beacon which will expand and improve those services, contributing to the continued safe operation of the airport.

## **ATTACHMENTS**

1. Vicinity Map
2. Exhibit A – Project Cost Estimates

File: Contract No. 425RAWOSBEAC

c: Resident Engineer  
Construction Engineer  
Lee Wilson Electric Company, Inc., Contractor  
Kevin Bumen- Director of Airports

Reference: 16JUL19-C-8

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